

FIRST ARTICLE REQUIREMENTS <small>(AFMCI 64-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional instructions on Page 3)</small>		1. DATE 1/22/04
2. P / R / MIPR NUMBER	3. PART NUMBER 3142003-016-103	4. NSN 5120-01-067-1600
5. FIRST ARTICLE QUANTITY THE FIRST ARTICLE IS (_____) UNIT(S) OF LOT /ITEM 0001). AND WILL BE <input checked="" type="checkbox"/> PART OF PRODUCTION QUANTITY <input type="checkbox"/> IN ADDITION TO PRODUCTION QUANTITY.		
6. ARTICLES <input type="checkbox"/> Will <input checked="" type="checkbox"/> WILL NOT SERVE AS A MANUFACTURING STANDARD	7. LONG LEAD TIME ITEMS <input type="checkbox"/> REQUIRED <input checked="" type="checkbox"/> NOT REQUIRED <small>(See FAR 52.209-3 or -4, Alternate II)</small>	
8. SPECIAL REQUIREMENT / PRODUCTION FACILITIES (See FAR 52.209 -3 or -4 Alternate 1) <input type="checkbox"/> REQUIRED <input checked="" type="checkbox"/> NOT REQUIRED <p>"The First Article offered must be manufactured at the facilities in which that item is to be produced under the contract, or if the First Article is a component not manufactured by the contractor, such component must be manufactured at the facilities in which the component is to be produced for the contract. A certification to this effect must accompany each First Article which is offered."</p>		
9. TEST / INSPECTION REQUIREMENTS A. <input checked="" type="checkbox"/> CONTRACTOR TESTING <input type="checkbox"/> GOVERNMENT TESTING Performance or other characteristics which the first articles must meet are <u>DATA PACKAGE / CONTRACT</u> B. The detailed technical requirements for first article approval tests are contained in <u>WITHIN THE DATA PACKAGE / CONTRACT</u> <div style="text-align: center;">(Cite spec and para number)</div> C. <input checked="" type="checkbox"/> TEST PLAN REQUIRED (1) DD Form 1423 ELIN <u>DI-NDTI-80603</u> (2) Delivery due <u>45</u> calendar days from date of contract. (3) Number of days for government approval / disapproval <u>30</u> days. D. Contractor's notification to ACO and _____ (requesting activity) of test time and location due _____ days prior to start of testing. E. <input checked="" type="checkbox"/> TEST REPORT REQUIRED (1) DD Form 1423 ELIN <u>DI-NDTI-80809B</u> (2) Due _____ calendar days from date of contract (3) Forwarded to <u>WR-ALC/LEEE</u> <u>295 BYRON STREET</u> <u>ROBINS AFB, GA 31098</u> <div style="text-align: center;">(enter address of office to receive Report)</div> (4) Government written notice of approval / disapproval due <u>30</u> days after receipt of contractor's report.	F. FIRST ARTICLE DELIVERY: (1) Due Within _____ calendar days from date of contract (2) Notify _____ calendar days prior to shipment (3) Delivered to government at _____ (4) Government written notice of approval / disapproval within _____ calendar days after receipt of first article package. G. Estimated cost of government testing / inspection evaluation \$ _____	
10. DISPOSITION OF FIRST ARTICLES		
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Approved first articles will be forwarded to _____. <input type="checkbox"/> _____ (insert quantity), First Articles will be expended in testing. Residual components of disapproved first articles will not be returned to the contractor. <input type="checkbox"/> First articles will be installed on aircraft / equipment to determine proper fit / function. Approved articles will remain on the aircraft/equipment and will not be forwarded to USAF Supply, but will be considered part of the contract quantity. </div> <div style="width: 48%;"> <input type="checkbox"/> Disapproved first articles will be returned to the contractor at the discretion of the Contracting officer. <input type="checkbox"/> On purchase request designated as direct shipments the following disposition will supply. (NOTE: Always applicable on Foreign Military Sales (FMS)). <div style="margin-left: 20px;"> <input type="checkbox"/> a. Approved first articles will be returned to the contractor for shipment with production item. <input type="checkbox"/> b. Disposition of disapproved first articles will remain the same as marked above. </div> <input type="checkbox"/> Other Disposition: _____ </div> </div>		

FIRST ARTICLE REQUIREMENTS (Continuation)**11. CONDITION(s) FOR WAIVER OF FIRST ARTICLE APPROVAL**

- a. ☐ Offerors who have previously furnished production quantities of the same or similar article to the prime contractor for delivery to the ☐ Government, ☐ DOD, ☐ Air Force,
- b. ☐ Offerors currently in production of the same or similar article for a ☐ Government, ☐ DOD, ☐ Air Force contract and who have received First Article approval under the existing contract.
- c. ☐ Offerors who have previously furnished production quantities of the same or similar article to the ☒ Government, _____ DOD, ☐ Air Force provided articles thus furnished have exhibited satisfactory performance in service, in the opinion of the Air Force.
- d. ☒ Provided not more than 60 months have elapsed since completion of the contract.
- e. ☒ "First Article testing will not be waived. (See Block 12)"
- f. ☐ See Remarks in Block 12 below.

NOTE TO BUYER: UNDER CONDITIONS A AND C ABOVE, THE COGNIZANT ENGINEERING ACTIVITY WILL DECIDE WHETHER OR NOT THE ITEM HAS EXHIBITED SATISFACTORY PERFORMANCE IN SERVICE AND PREPARE AND RETAIN SUPPORTING DOCUMENTATION TO FULLY JUSTIFY THIS DECISION. THE BUYER MUST SOLICIT DUAL PRICES (*That is, both with and without requirement for first article approval*) AND MUST FURNISH THE COGNIZANT ENGINEERING ACTIVITY WITH THE FOLLOWING INFORMATION ON THE PREVIOUSLY SUPPLIED ARTICLE:

- ☐ A. Procuring Office ☐ B. Contract Number ☐ C. Date of Contract ☐ D. Specification Number and Revision

12. REMARKS

FIRST ARTICLE JUSTIFICATION, A FIRST ARTICLE TEST/INSPECTION IS REQUIRED DUE TO THE FOLLOWING ITEM CHARACTERISTICS:

- ☒ Critical to: Safety / Operations / Mission Application / Use.
- ☐ First Competitive Procurement (data unproved)
- ☐ Contractor previously furnished item but:
- ☐ a. Has had changes in processes
- ☐ b. Production discontinued for extended period
- ☐ c. Product under previous contract developed problems
- ☐ Product described by performance specifications.
- ☒ Product associated with complex manufacturing process:
- ☐ a. Forging, Casting, extrusion.
- ☒ b. Close tolerances, Precision machining.
- ☐ c. Bonded Panel.
- ☐ d. Complex Contours requiring loft/mylar data.
- ☐ e. Requires numerical controlled equipment.
- ☐ Critical characteristics verifiable only by specialized laboratory testing.
- ☐ Product has Government Industry Data Exchange Program (GIDEP) report against it.
- ☐ Accuracy, quality, and/or completeness of technical data
- ☐ Other

Contract Distribution: One(1) copy of contract to LKCB First Article Manager and System Engineer if applicable.

13. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR CONDUCTING AND/OR APPROVING TEST (Name, Organization, Phone)

STEPHEN SEILER, WR-ALC/LEEE, DSN 472-1350

14. PR INITIATOR, (Name, Organization, Phone)

INSTRUCTIONS FOR COMPLETION OF FIRST ARTICLE REQUIREMENTS (AFMC FORM 260)

BLOCKS 1 - 4 AND 14 WILL BE COMPLETED BY THE INITIATOR OF PURCHASE REQUEST OR BLOCKS 1, 3-9F, 10-13 BY RSEA. DO NOT ENTER COST ESTIMATE IN BLOCK 9.G OF ORIGINAL. USE THIS SECTION FOR SPECIAL NOTES .

BLOCKS 1,3-5-9.F. AND 10-13 WILL BE COMPLETED BY THE ENGINEER AND/OR EQUIPMENT SPECIALIST. IF LOCAL PURCHASE, INITIATOR OF PURCHASE REQUEST SHALL COMPLETE.

BLOCKS 1 THRU 4 SELF-EXPLANATORY.

BLOCK 5, INSERT QUANTITY OF FIRST ARTICLE TO BE TESTED. INDICATE WHETHER THE FIRST ARTICLE ITEM IS PART OF OR IN ADDITION TO THE PRODUCTION QUANTITY. (Normally the First Article in "Contractor Testing" are delivered (if not destroyed) with the production items.) PER FAR 9.301 FIRST ARTICLE MEANS PREPRODUCTION MODELS/SAMPLES, INITIAL PRODUCTION SAMPLES, TEST SAMPLES, FIRST LOTS, PILOT MODELS OR PILOT LOTS.

BLOCK 6, INDICATE WHETHER OR NOT THE FIRST ARTICLE WILL SERVE AS A MANUFACTURING STANDARD. (FAR 9.306(h)).

If the first articles will serve as a manufacturing standard, BLOCK 10 cannot be "Approved First articles will be forwarded to **STOCK**."

RSEA - Specify who pays freight to ship "MANUFACTURING STANDARD" back to the manufacturer.

BLOCK 7, SEE FAR 52.209-3 OR -4, ALTERNATE II.

BLOCK 8, SEE FAR 9.308. **SPECIAL REQUIREMENTS/PRODUCTION FACILITY** - This block is usually checked off as "Required".

BLOCK 9, MUST BE CHECKED TO INDICATE WHETHER THE CONTRACTOR OR THE GOVERNMENT IS TO PERFORM TESTING. (FAR 9.306).

- A. THE SPECIFIC PARAGRAPH OF THE SPECIFICATION MUST BE INCLUDED OR THE PARTICULAR REQUIREMENT CITED
- B. THE SPECIFIC PARAGRAPH(S) OF THE SPECIFICATION MUST BE INCLUDED OR THE PARTICULAR REQUIREMENTS CITED
- C. THE PARAGRAPH IS OPTIONAL AND IS REQUIRED ONLY WHEN A TEST PLAN IS REQUIRED IS REQUIRED. THE REQUIRED ENTRIES ARE SELF EXPLANATORY
- D. THE "NUMBER OF DAYS" ENTRY SHOULD BE FAR ENOUGH IN ADVANCE OF THE TESTING TO PERMIT ANY GOVERNMENT REPRESENTATION AT THE TESTING SITE.
- E. THIS PARAGRAPH IS SELF EXPLANATORY. (NOTE: All dates must be realistic and include adequate productions and administrative times.).
- F(1). THE DELIVERY DATES MUST BE REALISTIC AND INCLUDE ADEQUATE PRODUCTION AND ADMINISTRATIVE LEAD TIMES.
- (2). THIS NOTIFICATION SHOULD BE NO LESS THAN TEN DAYS.
- (3). ENTER ADDRESS WHERE FIRST ARTICLES IS TO BE DELIVERED FOR TESTING.
- (4). THIRTY DAYS OR LONGER NOTIFICATION MUST BE CONSIDERED WHEN GOVERNMENT TESTING REQUIRES SPECIAL FIXTURES AND/OR AIRCRAFT.
- G. THIS ESTIMATE SHOULD BE AS ACCURATE AS POSSIBLE AND INCLUDE GOVERNMENT LABOR COST FOR TEST; TOOLS/TEST EQUIPMENT; GOVERNMENT EVALUATION OF CONTRACTOR TEST REPORT; ETC.

BLOCK 10. APPLIES TO GOVERNMENT TESTING. APPLIES TO CONTRACTOR TEST ONLY IF ITEMS ARE NOT SUBMITTED AS PRODUCTION UNITS. IN THESE CASES CITE DISPOSITION.

BLOCK 11. SELF-EXPLANATORY. SIMILAR ARTICLES ARE THOSE WHICH, FOR PURPOSE OF MANUFACTURE, ARE SUBSTANTIALLY THE SAME AS THE ITEM BEING PURCHASED (For example, items that differ only in size or in place of operation (i.e., left vs right side of aircraft)).

BLOCK 12. SELF-EXPLANATORY

BLOCK 13 AND 14. SELF-EXPLANATORY

NOTE: ADDITIONAL AFMC FORM 260 INSTRUCTIONS

AFMCI 64-110/RAFB Sup 1 Attachment 1 30 March 1995

For purchase request (PRs) with estimates of \$25,000 or less, the specific rationale for first article testing shall be stated. The evaluation of the PRs and validation of the need for first article will be accomplished by branch level RSEA. The RSEA shall review rationale such as; complexity of the item, criticality of the item, cost of first article testing, safety risk of not testing, impacts to the delivery schedule, and other pertinent factors, including FAR 9.303 and 9.304; and determine if first article requirements are appropriate.

FLIS - NIIN/Item Name

Stock Number	Item Name
5411-01-072-2517	SHELTER,EXPANDABLE

FLIS - Manufacturer's Part Number/CAGE Information

Part Number	CAGE	RNFC	RNCC	RNVC	DAC	SADC	RNAAC	RNSC	RNJC
3142110-103	99696	4	5	9	2		MG	B	
3142110-001-103	99696		3	2	2		MG		

CAGE - Status and Contact Information

CAGE	SC	Company Name & Address	Phone #	Former Company Name
99696	A	LOCKHEED MARTIN CORPORATION DBA LOCKHEED MARTIN MANAGEMENT & DATA SYSTEMS DIV LOCKHEED MARTIN SPACE SYSTEMS CO - M&DS OPS 1300 SOUTH LITCHFIELD ROAD ELIBRARY M/S 2616 GOODYEAR, AZ 85338-1587 UNITED STATES	623-925-7996	

FLIS - Pricing/Management Information

SA	MGMT	US	Unit Price	SOS	AA	QP	UI	UIC	SL	CIIC	RC	AMC	MMA	COG	SMIC
DF	--MEJ-	L	\$151,074.25	FLZ	V	I	EA		0	U	U			EJ	
		N													

FLIS - Technical Characteristics

MRD	Property	Value
AGAV	END ITEM IDENTIFICATION	485L SYSTEM
NTRD	ENTRY DATE	90-04-23
ATEM	EXTENDED LENGTH	11.417 FEET NOMINAL
BSMZ	EXTENDED WIDTH	20.250 FEET NOMINAL
ABKW	OVERALL HEIGHT	6.917 FEET NOMINAL
ATXS	RETRACTED LENGTH	11.417 FEET NOMINAL

BSNB	RETRACTED WIDTH	6.750 FEET NOMINAL
FEAT	SPECIAL FEATURES	POSSIBLE USE FOR SHELTER: COMMUNICATION,ELECTRONIC,METROLOGICAL,PHOTOGRAPHIC,MACHINERY
ALXZ	SPECIFIC USAGE DESIGN	IS DESIGNED TO HOUSE PERSONNEL AND EQUIPMENT REQUIRING TACTICAL MOBILITY AND PROTECTION AGAINST WORLDWIDE ENVIRONMENTAL EXTREMES
SUPP	SUPPLEMENTARY FEATURES	WALL CONSTRUCTION: HONEYCOMB
TMDN	TYPE/MODEL DESIGNATION	S-530 A/G
AWJN	UNPACKAGED UNIT WEIGHT	2000.00 POUNDS

PROCUREMENT - Procurement History

Contract #	CLIN	CAGE	Source	Date	Unit Price	Quantity	Total Price
F0960387C1878P000	0008AA	<u>7Y668</u>	WRALC	Aug 4, 1989	\$146,674.0300	10	\$1,466,740.30
F0960387C1878P000	0008AB	<u>7Y668</u>	WRALC	Aug 4, 1989	\$146,674.0300	2	\$293,348.06
F0960387C1878P000	0008AA	<u>7Y668</u>	WRALC	Aug 1, 1989	\$146,674.3000	10	\$1,466,743.00
F0960387C1878P000	0008AB	<u>7Y668</u>	WRALC	Aug 1, 1989	\$146,674.3000	2	\$293,348.60
F0960387C18780000	0001AA	<u>7Y668</u>	WRALC	Aug 17, 1987	\$249,362.9100	1	\$249,362.91
F0960387C18780000	0001AC	<u>7Y668</u>	WRALC	Aug 17, 1987	\$158,068.0300	28	\$4,425,904.84
F0960387C18780000	0001AC	<u>7Y668</u>	WRALC	Aug 1, 1987	\$158,068.3000	28	\$4,425,912.40
F0960385C11100000	0001AA	<u>29957</u>	WRALC	Aug 5, 1985	\$173,095.7500	2	\$346,191.50
F0960385C11100000	0001AC	<u>29957</u>	WRALC	Aug 5, 1985	\$139,737.3700	10	\$1,397,373.70
F0960385C11100000	0001AD	<u>29957</u>	WRALC	Aug 5, 1985	\$139,737.3700	24	\$3,353,696.88
F0960382C10450000	0002	<u>99696</u>	WRALC	May 19, 1982	\$145,476.1500	24	\$3,491,427.60

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PROCUREMENT - Related CAGE Information

CAGE	Status	Company Name	City and State
<u>7Y668</u>	R	GICHNER MOBILE SYSTEMS	DALLASTOWN, PA 17313
<u>29957</u>	A	THE NORDAM GROUP INC. DIV NORDAM	TULSA, OK 74116-1613

99696 A LOCKHEED MARTIN CORPORATION DBA GOODYEAR, AZ 85338-1587

Testing Requirements: NSN 5120-01-067-1600

A pre-production model required for testing and approval should be incorporated within the first article test (they are one and the same).

The first article test should validate and certify the requirements found in the notes on sheet 1 of drawing # 3142003-016. The jack assembly must be built to print and therefore must meet or exceed the requirements found in the notes.

- Operating Load (Compression) of 4000 lbs
- Static compression to yield: 8000 lbs
- Torque Input: 300 in-lbs at max operating load
- Minimum Travel: 34.2 inches
- Maximum Weight: 61 lbs
- Ratchet shall operate freely after application of finish
- Operating Temperature: -33°C to 52°C
- Operating Humidity: up to 100%
- Assigned part number per MIL-STD-100 para. 1-302.4
- Proper markings per MIL-STD-130
- Combined compression load of 1625 lbs and lateral load of 2000 lbs at the foot pad.
- Proof of aluminum material properties, 38000 psi ultimate tensile strength and a minimum of 26000 psi yield tensile strength
- Bolt and nut must not interfere with foot pad ribs at end of slide travel

In addition to the tests above, three other tests must be performed:

- 1) Examination: The jack shall be inspected to determine compliance with the requirements specified with respect to materials, workmanship, and marking. The jack shall be completely assembled in each configuration for examination.
- 2) Initial Inspection: The jack shall be disassembled to the maximum possible extent and completely inspected. Each component shall be checked for drawing conformance as to dimensions, finishes, etc.
- 3) Final Inspection: Upon completion of all the tests, the jack shall be disassembled to the maximum practical extent for a thorough examination of all parts for corrosion, excessive wear, or deformation. Any evidence of corrosion, excessive wear, or deformation shall be cause for rejection.

The method of testing and procedures shall be established by the contractor. The contractor may use any commercial facilities (including the contractor's own facilities) suitable for performance of the requirements, unless disapproved by the Government. The Government reserves the right to perform any inspections deemed necessary to assure that the item conforms to the specified requirements.

Upon completion of the tests, a report shall be generated and sent to Warner Robins, Robins AFB, that details the results. (See attached files)

Prepared by:

A F M C F o r m 260 C H E C K L I S T

Complete the AFMC Form 260 as if the item is being procured by another agency, but we retain engineering responsibility. **Requirements for maintaining configuration control is essential.** All items procured for weapons, communication, navigation or aircraft prime at this ALC should be considered critical and require a first article with visual inspection and/or next higher assembly (NHA) test witnessed by the RSEA¹ at this ALC.

FIRST ARTICLE MAY NOT BE WAIVED UNDER THE FOLLOWING CIRCUMSTANCES:

- ☐ Contractor not previously furnished product.
- ☐ Contractor previously furnished but:
 - a. Changes in process.
 - b. Production discontinued for extended period.
 - c. Product under previous contract developed problems.
- ☐ Product described by performance spec.
- ☐ Product associated w/complex manufacturing process.
- ☐ Product critical for safety.
- ☐ Product has critical mission application / use.
- ☐ Product has Government Industry Data Exchange Program (GIDEP) report against it.
- ☐ Accuracy, quality, and/or completeness of technical data provided by the vendor will not be considered as proof of production capability..
- ☐ IPE (Initial Production Evaluation) will not be considered as proof of production capability.

Block	Selections	OPR
<input type="checkbox"/> 1	Current date	RSEA
<input type="checkbox"/> 2	RSEA, Do Not Input on Original	IM
<input type="checkbox"/> 3	Part Number	RSEA
<input type="checkbox"/> 4	National Stock Number (NSN)	RSEA
<input type="checkbox"/> 5	<u>Four Choices in this Block</u>	RSEA
<input type="checkbox"/> (1)	<u>Qty</u> , Insert quantity of first article to be tested. One or more for electrical or dimensional tests and one or more for destructive testing if required. This also allows simultaneous testing. (See 5.(3) below.)	
<input type="checkbox"/> (2)	<u>UNIT(S) OF LOT/ITEM</u> - Enter 0001 . This represents Contract Line Item Number (CLIN) for the First Article required and --K- procuring branch will use appropriate suffix.	
<input type="checkbox"/> (3)	<u>PART OF PRODUCTION QUANTITY</u> - Consult with Item Manager (IM). If this item is for FMS, Other Gov't Agency, etc. determine if First Article will be destroyed during testing (See 5.(4) below). This also affects disposition instructions of approved First Articles (Block 10.).	
<input type="checkbox"/> (4)	<u>IN ADDITION TO PRODUCTION QUANTITY</u> . Indicate whether the first article item is part of or in addition to the production quantity. (Normally the first articles in "contractor testing" are delivered (if not destroyed) with the production items.) per FAR 9.301 First Article means preproduction models/samples, initial production samples, test samples, first lots, pilot models or pilot lots. If this is an FMS buy, Other Gov't Agency, etc. Consider (3) above.	
<input type="checkbox"/> 6	<u>Two Choices in this Block</u>	RSEA
<input type="checkbox"/> Yes	<u>SERVE AS A MANUFACTURING STANDARD</u> . Will the item be manufactured to Specs and Data Package? If Yes procured to Specs or Data Pkg Will not serve as a manufacturing standard.	
<input type="checkbox"/> 7	<u>Two Choices in this Block</u>	RSEA
<input type="checkbox"/> Yes/No	<u>LONG LEAD TIME ITEMS</u> FAR 52.209-3 OR -4, ALTERNATE II, Usually checked as no.	
<input type="checkbox"/> 8	<u>Two Choices in this Block</u>	RSEA

¹ Responsible Systems Engineering Authority, reference AFMCI 64-110, First Article Management, par. "SUMMARY OF CHANGES"

☐ Yes/No **SPECIAL REQUIREMENT/PRODUCTION FACILITIES** Instruction sheet for AFMC 260 states this is usually checked as required. We **want** the First Article manufactured at the same facility where the Production Units will be manufactured.

☐ 9 **Test / Inspection Requirements** **RSEA**

☐ ☐ Contractor or Government Testing. (FAR 9.306). (Both may be required).

☐ A In all cases the RSEA shall either consult with the appropriate engineering office to determine the specification paragraph or the appropriate engineering office shall have full responsibility for this block.

☐ B In all cases the RSEA shall either consult with the appropriate engineering office to determine the specification paragraph or the appropriate engineering office shall have full responsibility for this block.

☐ C **CONTRACTOR TEST ONLY** - The paragraph is optional and is required only when a test plan is required from the contractor. The required entries are self explanatory.

☐ D **CONTRACTOR TEST ONLY** - The "number of days" entry should be far enough in advance of the testing to permit any government representation at the testing site.

☐ E In all cases the RSEA shall either consult with the appropriate engineering office to determine the specification paragraph or the appropriate engineering office shall have full responsibility for this block.

☐ (1) The delivery dates must be realistic and include adequate production and administrative lead times.

☐ (2) This notification should be no less than fourteen calendar days.

☐ (3) Enter address where first article(s) are to be delivered for testing.

☐ (4) Thirty days or longer notification must be considered when government testing requires special fixtures and/or aircraft.

☐ F **GOVERNMENT TEST ONLY** -

☐ (1) Due Within _____ calendar days from date of contract. Take into consideration materials, castings, machining, fabrication or wiring and testing.

☐ (2) Notify 20 calendar days prior to shipment. Allows First Article Manager time to print drawings(if required), send package to RSEA and have a complete package ready for First Article testing.

☐ (3) Delivered to government at **IAW SOLICITATION/ CONTRACT.** If tests are being conducted at another government agency, the address may be entered in BLOCK 12 Remarks.

☐ (4) Government written notice of approval/disapproval within _____ days after receipt of first article package.

☐ G In all cases the RSEA shall either consult with the appropriate engineering office to determine the specification paragraph or the appropriate engineering office shall have full responsibility for this block. Estimated cost of government testing/inspection can not be determined until the required tests are specified by the appropriate engineering office. After First Article tests are complete, the actual test cost will be written on a copy of the AFMC Form 260 and sent to the IM by letter of approval or rejection for the next PR.

☐ 10 **Applies to Government Testing.** In all cases the RSEA shall either consult with the appropriate engineering office to determine the specification paragraph or the appropriate engineering office shall have full responsibility for this block.

☐ **Approved first articles will be forwarded to AF SUPPLY** is default data. If this is a FMS buy or direct shipment to the OTHER GOV'T AGENCY this data will be changed to indicate shipment. RSEA needs to consult with IM.

☐ 11 **SIMILAR ARTICLES** **RSEA**

Are those which, for purpose of manufacture, are substantially the same as the item being purchased (For example, items that differ only in size or in place of operation (i.e., left vs. right side of aircraft)).

(Selection C) The items may also be totally different.

(**Selection D**) Variable, AFMCI 23-102... "Exception: For items with pre-award qualification requirements, first article inspection may be used to revalidate a previously qualified producer's capabilities when it has been more than 36 months since that producer delivered a production lot of the item.)"

(Section F) should be checked.

☐ **12** **REMARKS** **RSEA/FAM**

This Block contains options which require a First Article. Check all applicable as appropriate to the acquisition. The contracting officer will review and if a contractor has previously furnished the item will send a request for waiver to the RSEA for consideration.

☐ **13** **COGNIZANT ENG Name** **RSEA**

☐ **14** **PR Initiator** **IM**

NOTE: ADDITIONAL AFMC FORM 260 INSTRUCTIONS

UNTIL A REPLACEMENT IS ISSUED FOR AFMCI 64-110/RAFB Sup 1 Attachment 1 30 March 1995

For purchase request (PRs) with estimates of \$25,000 or less, the specific rationale for first article testing shall be stated. The evaluation of the PRs and validation of the need for first article will be accomplished by branch level RSEA. The RSEA shall review rationale such as; complexity of the item, criticality of the item, cost of first article testing, safety risk of not testing, impacts to the delivery schedule, and other pertinent factors, including FAR 9.303 and 9.304; and determine if first article requirements are appropriate.

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
1. TITLE		2. IDENTIFICATION NUMBER		
TEST PROCEDURE		DI-NDTI- 80603		
3. DESCRIPTION / PURPOSE				
<p>3.1 The test procedure identifies the step-by-step testing operations to be performed on items under going developmental, qualification, or acceptance testing. It identifies items to be tested, the test equipment and support required, the test conditions to be imposed, the parameters to be measured, and the pass/fail criteria against which the test results</p> <p>(continued on page 2)</p>				
4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
880601	G/T2137			
7. APPLICATION / INTERRELATIONSHIP				
<p>7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the contract.</p> <p>7.2 This DID is applicable to contracts requiring tests to be performed for the purpose of developmental or environmental evaluation, acceptance testing, and item qualification testing.</p> <p>7.3 This DID supersedes DI-T-5248 and DI-T-5301</p>				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS	9b. AMSC NUMBER	
			G4428	
10. PREPARATION INSTRUCTIONS				
<p>10.1 <u>Format Requirements.</u> The test procedure shall be in the contractor's format on 8 1/2 x 11 inch paper. It shall be bound in such a manner that pages may be removed or inserted without damage or mutilation.</p> <p>10.2 <u>Content requirements.</u> The test procedure shall contain the following:</p> <p>10.2.1 <u>Front matter.</u></p> <p>10.2.1.1 <u>Cover and title page.</u> The following information shall be included on the cover and title page:</p> <ul style="list-style-type: none"> a. Date of issue. b. Revision date (If applicable). c. Procedure document identification number. d. Contract number. e. Contractor's name and address. f. Type of procedure, including purpose (e.g., first article test, developmental evaluation, qualification, environmental (specify), acceptance, or other). g. Identification of the system, subsystem, or equipment to be tested. h. Security classification (if applicable) <p>(continued on page 2)</p>				
11. DISTRIBUTION STATEMENT				
DISTRIBUTION STATEMENT A: Approved for public release, distribution is unlimited.				

DI-NDTI-80603

Block 3. DESCRIPTION/PURPOSE

will be measured. The document is a compilation of individual test procedures for related elements of a system, subsystem, or equipment.

Block 10. PREPARATION INSTRUCTIONS (continued)

10.2.1.2 Record of changes. A record of change pages shall be included to provide for tracking of changes to the test procedures.

10.2.1.3 Table of contents. A table of contents is required when more than one test procedure is included in the test procedures document. It shall identify the page location of each procedure number, procedure title, and related equipment nomenclature.

10.2.2 Body of document. For each test procedure, the following information is required:

10.2.2.1 Procedure number. Each procedure shall have a unique number assigned to it.

10.2.2.2 Title of procedure. The title should relate to the purpose of the test.

10.2.2.3 Introduction. The following shall be addressed in the introduction:

10.2.2.3.1 Purpose of test. (As specified in the contract tasking document.)

10.2.2.3.2 System, subsystem, or equipment to be tested. The following identification information shall be provided:

- a. Nomenclature
- b. Model or part number.
- c. Type of test item (prototype, production item, laboratory model, etc.)
- d. Applicable specification.

10.2.2.3.3 Test requirements. Includes the following, each related to the prescribing contract requirement paragraph (specification, standard, plan, or work statement).

- a. Required tests, and parameters to be measured.
- b. Performance requirements, acceptance or compliance limits, and environmental criteria.

10.2.2.3.4 Referenced documents. A list by title, number, date, and source of those documents cited in the test procedure.

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10.2.2.4 Required test equipment. Includes the following for each piece of test equipment required to perform the procedure:

- a. Nomenclature.
- b. Use of test equipment.
- c. Model Number (if applicable).
- d. Manufacturer (if mandatory).
- e. Accuracy and calibration requirements.
- f. Range or spectrum of measurements required.

10.2.2.5 Table of tests. This table lists each test performed under the procedure in the sequence it is to be performed, identified to the procedure paragraph and the related specification/contract requirement.

10.2.2.6 Step-by-step procedure. The following shall be included for each step of the test procedure:

- a. Test set-up diagrams, including test equipment connections.
- b. Input and output instrumentation points.
- c. Test item operating limits and test conditions to be imposed.
- d. Performance parameters to be measured.
- e. Step-by-step operations to obtain the required data.
- f. Caution and safety warnings as appropriate.

10.2.2.7 Data sheets. Data sheets shall be included with the procedure, or be separately attached at the end of all procedures. They shall provide for:

- a. Identification of item tested, including model and serial numbers.
- b. Recording of test measurements.
- c. Identification of required or objective performance values, with tolerances.
- d. Identification of applicable procedure paragraph.
- e. Date of test.
- f. Signature of technician or inspector performing the tests.

10.2.2.8 Support requirements. Any special support requirements would be included in this section, such as:

- a. Use of special facilities or test ranges.
- b. Personnel requirements (numbers, types, qualifications).
- c. Unusual electrical, hydraulic, pneumatic, etc. requirements.
- d. Support equipment requirements.